

Sept 1

Dart Aerospace Ltd.

Date: Tuesday, 15/08/2006 7:19:54 AM
 User: Linda Lacelle

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : STRUT WELDMENT ASS'Y
Job Number : 28186	
Estimate Number : 10566	
P.O. Number : <i>N/A</i>	Part Number : D34435
This Issue : 15/08/2006 S.O. No. : <i>N/A</i>	Drawing Number : D3443 REV.B
Prsht Rev. : NC	Project Number : N/A
First Issue : <i>N/A</i> Type : SMALL /MED FAB	Drawing Revision : B
Previous Run : 27796	Material : <i>N/A</i>
Written By : <i>[Signature]</i>	Due Date : 31/08/2006 Qty: 10 Um: Each
Checked & Approved By : <i>[Signature]</i>	
Comment : A 05.11.14 New issue EC	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M304TR0750W120	Inventory
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Comment: Qty.: 0.5198 f(s)/Unit Total : 5.1975 f(s)

Inventory

AISI 304 SS seamless tubing .750 OD x 0.120 wall

(M304TR0750W120)

Batch: ~~101580~~ M101945

M18457 IX

FF 06.08.29 10

2.0	BAND SAW	BAND SAW
-----	----------	----------

**Comment:** BAND SAW

Cut blank 5.97 " long

FF 06.08.29 10

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
-----	---------------	------------------------------

**Comment:** CONVENTIONAL MILLING MACHINE

1- Mill to length and drill holes as per dwg D3443

2-Deburr as per dwg D3443

J.G /

FF 06.08.30 104

4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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**Comment:** INSPECT PARTS AS THEY COME OFF MACHINE

J.G

06/09/01 10

5.0	QC8	SECOND CHECK
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**Comment:** SECOND CHECK

MS

06/09/01

10

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: ☒ Date: 06/09/05

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 15/08/2006 7:19:55 AM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STRUT WELDMENT ASS'Y

Job Number: 28186

Part Number: D34435

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: WA

R 4/9/05 (10)

7.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

S 06/09/05

Job Completion



U 06/09/05

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

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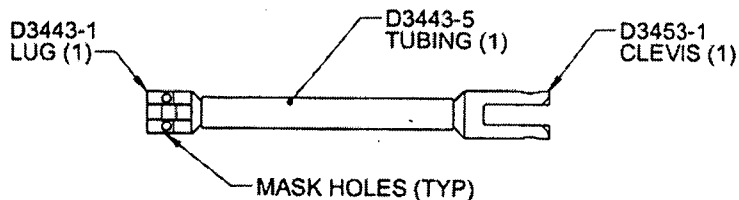
NOTE: Date & initial all entries

DART

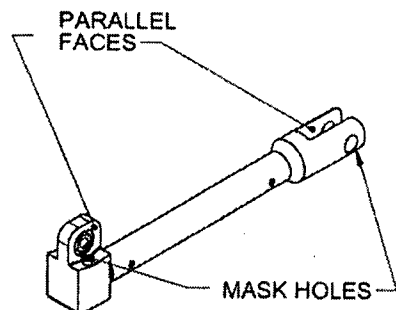
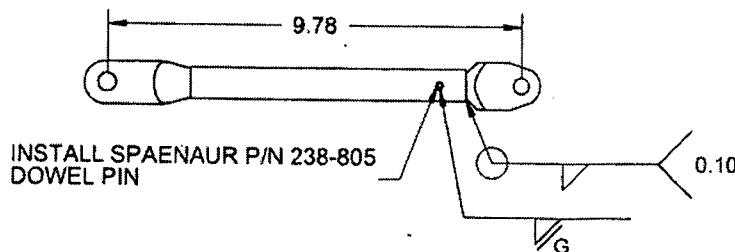
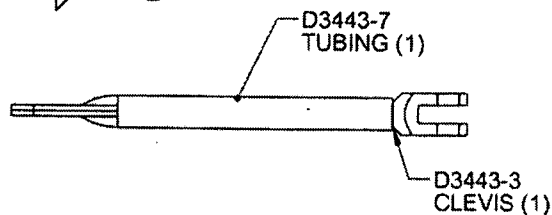
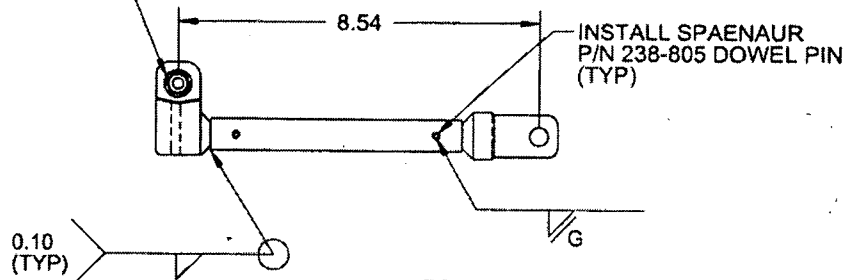
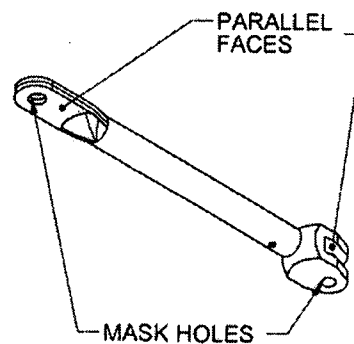
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3443	REV. B SHEET 1 OF 3
DATE 05.12.05		TITLE STRUT WELDMENT ASSEMBLY	SCALE 1:4
A	05.09.02	NEW ISSUE	
B	05.12.05	ADDED -9 PIN; REMOVED BALL PLUNGER; REVISE TOLERANCE; & Ø0.125 WAS #30	

RELEASED

05.12.09 #



PRESS FIT McMASTER-CARR P/N 63215K32
BALL JOINT BEARING AFTER POWDER COAT

**D3443-041****D3443-043****NOTES:**

- 1) WELD PER DART QSI 004
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

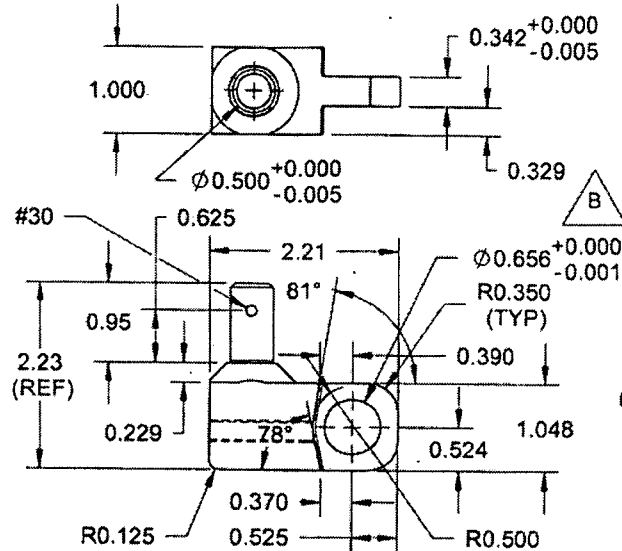
REFERENCE ONLY

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DART

DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3443	REV. B SHEET 2 OF 3
DATE 05.12.05		TITLE STRUT WELDMENT ASSEMBLY	SCALE 1:2

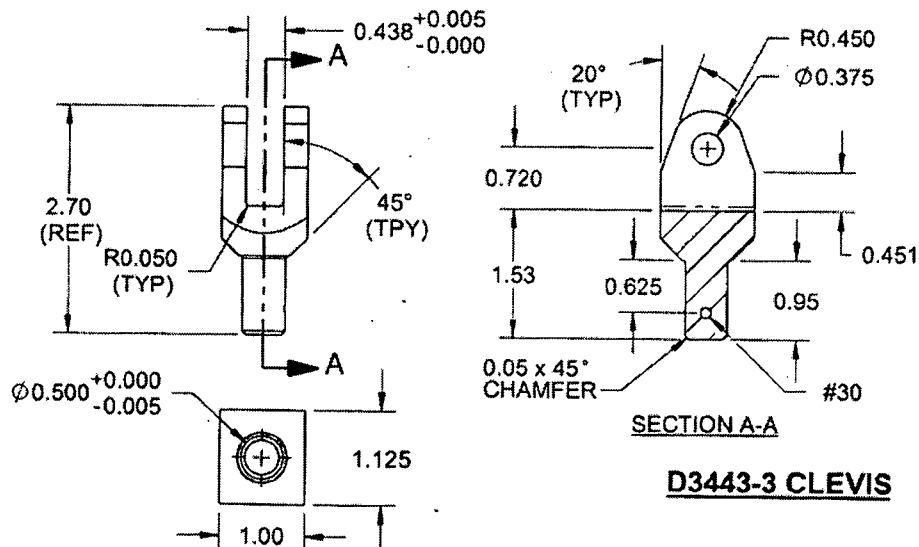


RELEASED
05.12.09

D3443-1 LUG

D3443-1 NOTES:

- 1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC M17-4B)



D3443-3 CLEVIS

D3443-3 NOTES:

- 1) MATERIAL: AISI 304 SS ROUND BAR (REF. DART SPEC M304R)

GENERAL NOTES:

- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.010

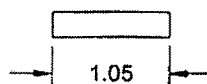
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DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3443	REV. B SHEET 3 OF 3
DATE 05.12.05	TITLE STRUT WELDMENT ASSEMBLY 1:2		

$\phi 0.210^{+0.005}_{-0.010}$



D3443-9 PIN

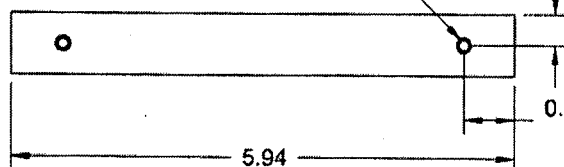
D3443-9 NOTES:

- 1) MATERIAL: DELRIN II 150R OR ACETRON GP ACETAL (REF. DART SPEC M-DELRIN-R)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES



DRILL $\phi 0.125$ THRU
CHAMFER 0.025 (TYP)

0.375



$0.610^{+0.015}_{-0.000}$
(TYP)

RELEASED

05.12.09

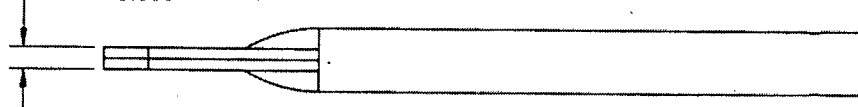
$\phi 0.750$



0.120

D3443-5 TUBING

$0.260^{+0.000}_{-0.030}$



R0.51 $\phi 0.438$



DRILL $\phi 0.125$ THRU
CHAMFER 0.025

1.02
(REF)

0.55

1.10 FLATTEN END

8.47

0.375

$0.610^{+0.015}_{-0.000}$

$\phi 0.750$



0.120

D3443-7 TUBING

D3443-5/-7 NOTES:

- 1) MATERIAL: AISI 316/304 SS SEAMLESS TUBING (REF. DART SPEC M304TR0.7500W.120)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.025

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